SECTION 1 Specifications

SPECIFICATIONS

COMPATIBILITY

• **Host Compatibility**	Macintosh compatible, IBM compatible[1].
• **Operating Systems**	Mac OS7.x (7.5.3 or above) and OS8.x (8.0 -8.1), Windows 95/98/ NT4.0.
• **Interface Ports**	Serial (DB9 plug), Parallel (IEEE1284 B receptacle), Ethernet (RJ45)
• **Protocol**	RS 232C, IEEE 1284 (compatability, nibble and ECP modes), EtherTalk phase II support, TCP/IP, NetBIOS over TCP/IP.
• **Autoswitching**	Printing port and protocol.
• **Printer Languages**	Adobe PostScript 3
• **Resident Fonts**	136 standard Adobe fonts, 55 additional fonts with extended character set and 2 multiple master fonts.Total fonts for SC7700U/E:193, total fonts for SC7700J:195 (2 Japanese CID fonts.)

HARDWARE:

• **Processor speed**	266 MHz (AMD K6 or equivalent)
• **RAM**	32 MB standard and one free slot. 168 pin DIMM slot (recommended maximum 64MB.)
• **Hard Disk**	2.5GB[2] disk capacity.
• **Interface Unit Type**	Box.
• **Dimensions**	300mm x 200mm x 335mm (DxWxH)
• **Power Requirements**	Rated 100 - 125V / 200 - 240V (manually switchable), AC 50/60 Hz. In normal use <50W.
• **Operating temperature**	5ºC to 40ºC
• **Storage temperature**	-20ºC to 60ºC
• **Humidity**	Operation: 40% RH to 70% RH non-condensing Storage: 20% RH to 90% RH non-condensing
• **Weight**	Unit 7kg (shipping 9 kg)
• **Controls**	Stop, Start and Function keys.
• **LEDS**	Error(Orange), Ready/Data(Green), Page Standby(Yellow)

OUTPUT

• **Resolution**	400 x 400 and 600 x 600 dpi (input data is automatically rescaled to the Risograph resolution.)
• **Printing Paper Size**	Same as RISOGRAPH connected.
• **Printing Image Area**	Same as RISOGRAPH drum (checked during switch on of RISOGRAPH) Margins; Lead edge 5 mm, side 3 mm, tail 2 mm, approximately (for GR model.)

- **Scanning Connection** Network RJ45 via TCP/IP.
- **Scanning Paper Size** Same as RISOGRAPH connected[3]
- **Scanning Image Area** A3 maximum width[3]. Tabloid maximum length
- **Scanning file formats** TIFF for scanning to disk plus TWAIN compatible for scanning to application software.

SUPPLIED SOFTWARE[4]

- **Macintosh** Adobe PostScript printer driver, PPD file. RISO Console, TWAIN driver, RISO Scan, ATM and Screen fonts.
- **Windows 95,98** Adobe PostScript printer driver, PPD file. RISO Console, TWAIN driver, RISO Scan, ATM and Screen fonts.
- **Windows NT4.0** Adobe PostScript printer driver, PPD file. RISO Console, TWAIN driver, RISO Scan, ATM and Screen fonts and INF file[5].

SOFTWARE CONTROLLABLE RISOGRAPH FUNCTIONS

Print density, Print speed, Copies, Sorter mode, Staple mode.
Virtual on screen RISOGRAPH control panel.

ADDITIONAL PRINT FEATURES

On screen messaging Font Downloading, Pause before and/or after master (to allow operation of RISOGRAPH in multi-pass jobs), odd, even and all pages print, rotate 180º (to reverse lead and trail edges), Choice of Screening techniques, multiple proof pages, Feedback mode (preview function), Image control, stored custom defaults, software and hardware diagnostics, reverse order printing, job spooling, bitmap spooling, automatic detection of drum size and resolution at start-up, and detection of colour drum.

ADDITIONAL SCAN FEATURES

Scan density, choice of selectable scan region, Line/Duo/Photo scan modes, TWAIN compatible, multiple page scan and network scanning via TCP/IP.

APPROVALS

VDE-GS, UL, cUL, CE (Class B), FCC (Class A)

Notes:

1 Other platforms may work (any with compatible port and PS driver), however RISO do not guarantee support as some features will not be available.
2 Approximately 950MB available to user. RISO may increase the size of the hard disk without notice.
3 A RISOGRAPH not capable of A3 printing has the maximum scan area reduced by 24 mm on the left hand edge.
4. Supplied on CD ROM
5. For installation of Windows PostScript driver with PPD.